

| L Number | Hits | Search Text   | DB  | Time stamp          |
|----------|------|---|---|---------------------|
| -        | 600  | (359/580).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>11:50 |
| -        | 507  | (372/21).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>09:02 |
| -        | 232  | (359/237).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>09:07 |
| -        | 2745 | ((359/237).CCLS.) or ((359/108).CCLS.) or<br>((359/107).CCLS.) or ((359/244).CCLS.) or<br>((359/240).CCLS.) or ((359/580).CCLS.) or<br>((359/582).CCLS.) or ((359/577).CCLS.) or<br>((372/8).CCLS.) or ((372/21).CCLS.) or<br>((708/191).CCLS.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>09:08 |
| -        | 420  | ((359/237).CCLS.) or ((359/108).CCLS.) or<br>((359/107).CCLS.) or ((359/244).CCLS.) or<br>((359/240).CCLS.) or ((359/580).CCLS.) or<br>((359/582).CCLS.) or ((359/577).CCLS.) or<br>((372/8).CCLS.) or ((372/21).CCLS.) or<br>((708/191).CCLS.)) and ((optical or hard) with<br>limit\$2) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>13:37 |
| -        | 457  | ((359/237).CCLS.) or ((359/108).CCLS.) or<br>((359/107).CCLS.) or ((359/244).CCLS.) or<br>((359/240).CCLS.) or ((359/580).CCLS.) or<br>((359/582).CCLS.) or ((359/577).CCLS.) or<br>((372/8).CCLS.) or ((372/21).CCLS.) or<br>((708/191).CCLS.)) and ((optical or hard) with<br>limit\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>16:56 |
| -        | 159  | (359/108).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>10:17 |
| -        | 433  | (359/107).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>10:37 |
| -        | 159  | (359/244).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>10:59 |

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|---|-----|--|---|---------------------|
| - | 186 | (359/240).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>11:29 |
| - | 17  | ((359/580).CCLS.) and (kerr or non?linear)                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>11:50 |
| - | 18  | ((359/580).CCLS.) and (kerr or non?linear\$)                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>12:19 |
| - | 105 | (359/582).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>11:54 |
| - | 227 | (359/577).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>11:57 |
| - | 161 | (372/8).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>12:10 |
| - | 242 | ((372/21).CCLS.) and (kerr or non?linear\$)                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>12:19 |
| - | 151 | (708/191).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>13:29 |
| - | 2   | ("4811258").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>13:29 |
| - | 991 | ((optical or hard) with limit\$2) and (kerr) and (filter or grating or film) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>13:39 |

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|---|------|--|---|---------------------|
| - | 0    | ((optical or hard) with limit\$2) and (kerr with non?linear\$ with susceptibility) and (filter or grating or film)       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>13:41 |
| - | 69   | ((optical or hard) with limit\$2) and (kerr with (non?linear\$ or susceptibility)) and (filter or grating or film)       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>16:59 |
| - | 4191 | (optical with (comput\$3 or gate)) and (non?linear\$ or susceptib\$) and (layer or film or grating or filter)            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>14:43 |
| - | 237  | ((optical with (comput\$3 or gate)) and (non?linear\$ or susceptib\$) and (layer or film or grating or filter)) and kerr | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>14:01 |
| - | 4    | (optical near logic near device) and kerr and ((optical or hard) with limiter) and layer                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>14:57 |
| - | 28   | kerr and ((optical or hard) with limiter) and layer  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>15:10 |
| - | 336  | brzozowski   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05 15:11    |
| - | 7    | brzozowski and sargent   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05 15:11    |
| - | 43   | brzozowski and johnson   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>15:12 |
| - | 7    | brzozowski and johnson and sargent   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>16:13 |

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|---|------|--|---|---------------------|
| - | 1    | (non?linear with bragg with reflect\$) and kerr  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>16:15 |
| - | 7    | (non?linear same bragg same reflect\$) and kerr  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>16:27 |
| - | 8    | (non?linear\$ same bragg same reflect\$) and kerr  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>16:31 |
| - | 7    | (non?linear\$ with reflect\$) and (bragg with grating) and kerr  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>16:35 |
| - | 5    | periodic with structure with kerr  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>18:52 |
| - | 123  | opposite with kerr   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>18:52 |
| - | 1    | (opposite with kerr) and limiter   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>18:56 |
| - | 1892 | optical with kerr with effect  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>18:56 |
| - | 605  | (optical with kerr with effect) and (logic or gate or comput\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>18:57 |
| - | 233  | ((optical with kerr with effect) and (logic or gate or comput\$3)) and ((optical or hard) with limit\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/05<br>18:58 |

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|---|-----|--|---|---------------------|
| - | 503 | (((359/237).CCLS.) or ((359/108).CCLS.) or ((359/107).CCLS.) or ((359/244).CCLS.) or ((359/240).CCLS.) or ((359/580).CCLS.) or ((359/582).CCLS.) or ((359/577).CCLS.) or ((372/8).CCLS.) or ((372/21).CCLS.) or ((708/191).CCLS.)) and ((optical or hard) with limit\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>16:57 |
| - | 76  | ((optical or hard) with limit\$2) and (kerr with (non?linear\$ or susceptibility)) and (filter or grating or film)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>17:07 |
| - | 113 | ((optic\$4 or hard) with limit\$3) and (kerr with (non?linear\$ or nonlinear or susceptib\$)) and absor\$  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>17:08 |
| - | 8   | ((optic\$4 or hard) with limit\$3) and (kerr with (non?linear\$ or nonlinear or susceptib\$)) and non?absor\$  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>18:24 |
| - | 462 | ((optic\$4 or hard) with limit\$3) and (kerr with (grating or period\$2 or layer or film))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>18:28 |
| - | 12  | (((optic\$4 or hard) with limit\$3) and (kerr with (grating or period\$2 or layer or film))) and (alternat\$ with coefficient)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>19:06 |
| - | 46  | (((optic\$4 or hard) with limit\$3) and (kerr with (grating or period\$2 or layer or film))) and logic   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/06/17<br>19:06 |